INFORMATION PISEL PSURE	ATTY, DOCKET NO.	SERIAL NO.	
CITACION C	4271-32	10/816,667	
AU6 3 1 2005 😇	APPLICANT		
AU6 3 1 2005 🛂	Heyman, et al.		
(Use several steps if necessary)	FILING DATE	TC/A.U.	
O TRADE	April 2, 2004	2855	

		April	2, 2004	2855					
		U.	.S. PATENT DOCUMEN	rs					
*EXAMINER						_		DATE	
INITIAL	DOCUMENT NUMBER	DATE	NAMENAME		CLASS	SUBCLASS	IF APPRO	<u> PRIATE</u>	
MN	5,237,516	08/1993	Heyman						
	4,843,346	06/1989	Heyman, et a	1.					
	4,624,142	11/1986	Heyman						
	4,363,242	12/1982	Heyman			<u> </u>			
7	4,117,731	10/1978	Heyman						
7	4,062,227	12/1977	Heyman						
V	4,015,464	04/1977	Miller, et al						
	· · · · · · · · · · · · · · · · · · ·	FOR	EIGN PATENT DOCUM	ENTS			TOANG	LATION	
	DOCUMENT	DATE	COUNTRY		CLASS	SUBCLASS	YES	NO	
						·			
						<u></u>			
	OTHER DOCI	JMENTS (in	cluding Author, Title, D	ate, Pertinent p	ages, e	tc.)	<u> </u>		
MN	Provisional Patent Application of Heyman et al.; "A Differential Guided Wave Nonlinear Spectroscopy System;" Serial No. 60/476,218; filed June 6, 2003.								
/-	Patent Application of H	eyman et al.;	"Method and Apparatus for	Determining and	Assessir	ng a Characte	ristic of a	1	
(Material;" Serial No. 10)/860,636; file	ed June 4, 2004.						
	Joseph S. Heyman; "Re	sidual Stress	Characterization with a Mag	netic/Ultrasonic	lechniqu	ie;" proceedir	igs of IEI	EE, 1984	
)	Ultrasonics Symposium	, Dallas, TX;	Nov. 14-16, 1984; pages 95	0-954.					
	Sidney G. Allison, Jose	ph S. Heymar	, and K. Salama; "Ultrason	ic Measurement o	f Residu	al Deformation	on Stress	in Thin	
		face Acoustic	Waves;" proceedings of IE	EE 1983 Symposi	um, Atla	nta, GA; Oct.	. 31-Nov.	. 2,	
	1983; pages 995-999.						- CD1		
)	Joseph S. Heyman and	Larry L. Yode	er; "An Interferometric Mea	surement of the A	coustoel	astic Constan	t of Roci	Core	
	Samples;" proceedings	of IEEE, 198.	Symposium, Atlanta, GA;	Uct. 31-Nov. 2, 1	983; pag	es 980-983.	1002		
/			er; "Ultrasonic Mapping of		proceed	ungs of teet	1902		
_	Ultrasonics Symposium, San Diego, CA; Oct. 27-29, 1982; pages 893-897. Joseph S. Heyman; "A CW Ultrasonic Bolt-Strain Monitor;" SESA Experimental Mechanics, 17; 1977; page 183.								
			argens; "Ultrasonic Device						
/ /			ent, Vol. 25, Issue 1, 2004;		. С Б.а.	.00.0 01 00			
			en, Patrick Sullivan, and Jo		'A Meth	od for Monit	oring Str	ain in	
			Frequency Devices;" preser						
)	Nondestructive Evaluat	ion, Williams	burg, VA; June 21-26, 1987	; pages 559-563.					
	Sidney G. Allison, Jose	ph S. Heymar	n, Min Namkung, and K. Sa	lama; "Ultrasonic	Charact	erization of P	lastic		
			Progress in Quantitative ND						
			Ionitor" A high-resolution,		rain mo	nitor; NASA	Tech Bri	ef;	
			VA; Spring 1981, B-81-100						
1			, and K. Salama; "Effect of ; NASA Langley Research					bon	
1			c Studies of Stresses and Pla						
			Research, Development, &					584.	
	1	•	1 /0	114,05					

*Examiner // OO //

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO.	SERIAL NO.
	4271-32	10/816,667
	APPLICANT	
	Heyman, et al.	
(Use several sheets if necessary)	FILING DATE	TC/A.U.
	April 2, 2004	2855

MH

J. S. Heyman, S. G. Allison, and K. Salama; "Influence of Carbon Content on Higher-Order Ultrasonic Properties in Steels;" 1983 Ultrasonics Symposium; NASA-Langley Research Center, Hampton, VA; University of Houston, TX; pages 991-994.

M. Namkung, R. DeNale, and D. Utrata; "Uniaxial Stress and Wave Mode Dependence of Magnetoacoustic Responses in Iron-Base Alloys;" NASA Langley Research Center, Hampton, VA.

*Examiner

Nooni

Date Considered

10/14/05